

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052343

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/007466 A1 (CHEN TAO) 9 January 2003 (2003-01-09)	1, 8, 18
Y	paragraph '0048!	2-7, 9-17, 19-21
	paragraph '0053! - paragraph '0060! figures 2, 4	
Y	US 5 365 516 A (JANDRELL LOUIS H M) 15 November 1994 (1994-11-15)	2-7, 9-17, 19-21
	column 12, line 30 - line 61 column 22, line 52 - column 23, line 10	
A	US 5 914 950 A (LIN YU-CHUAN ET AL) 22 June 1999 (1999-06-22)	1-21
	column 4, line 39 - column 5, line 6 figure 2	
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

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- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

14 January 2005

Date of mailing of the international search report

08/02/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ZHANG L Y ET AL: "Energy-efficient real-time scheduling in IEEE 802.11 wireless LANs"</p> <p>PROCEEDINGS OF THE 23RD. INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING SYSTEMS. ICDCS 2003. PROVIDENCE, RI, MAY 19 - 22, 2003, INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING SYSTEMS, LOS ALAMITOS, CA : IEEE COMP. SOC, US, vol. CONF. 23, 19 May 2003 (2003-05-19), pages 658-667, XP010642337</p> <p>ISBN: 0-7695-1920-2</p> <p>the whole document</p> <p>-----</p>	1,8,18

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Information on patent family members

International Application No

PCT/IB2004/052343

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